

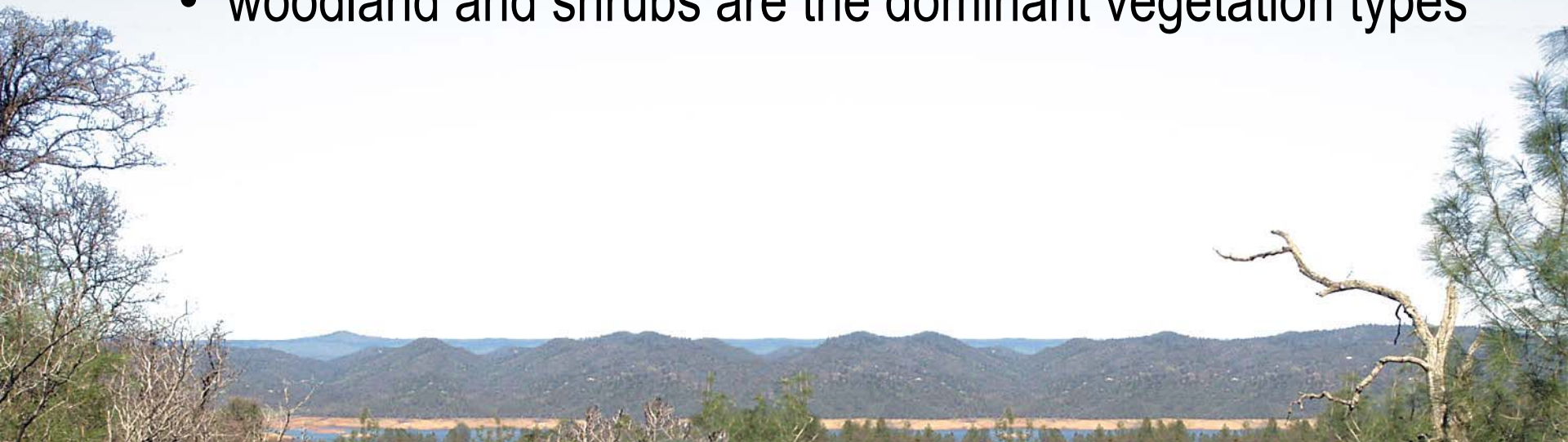
CDF Fuel Hazard Model

Most of the study area is classified as having a moderate fuel hazard rank

<i>Area</i>	<i>Fuel Hazard Classification (percent of total area)</i>		
	<i>Moderate</i>	<i>High</i>	<i>Very High</i>
<i>Lake Oroville</i>	22	28	15
<i>Diversion Pool and Thermalito Forebay</i>	7	4	-
<i>Thermalito Afterbay</i>	12	-	-
<i>Bypass Reach and Oroville Wildlife Area</i>	12	-	-
<i>Total</i>	53%	32%	15%

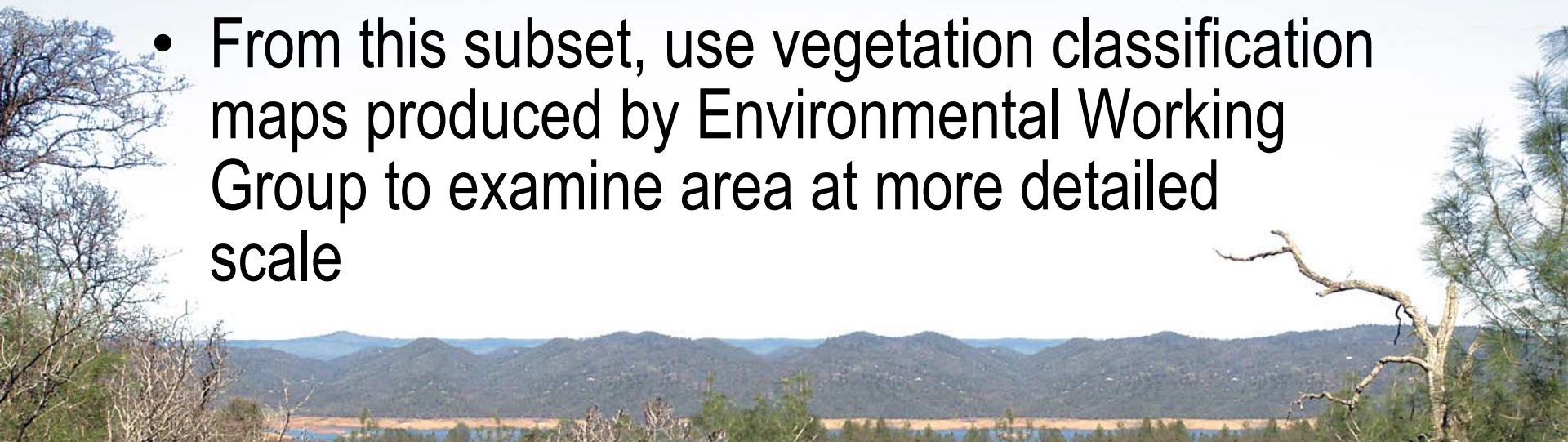
CDF Fuel Hazard Model

- Areas of very high fuel hazard are primarily located along the eastern edge of the lake, including areas on the south and middle forks, and along the lower and upper north fork.
 - topographic slope increases
 - woodland and shrubs are the dominant vegetation types

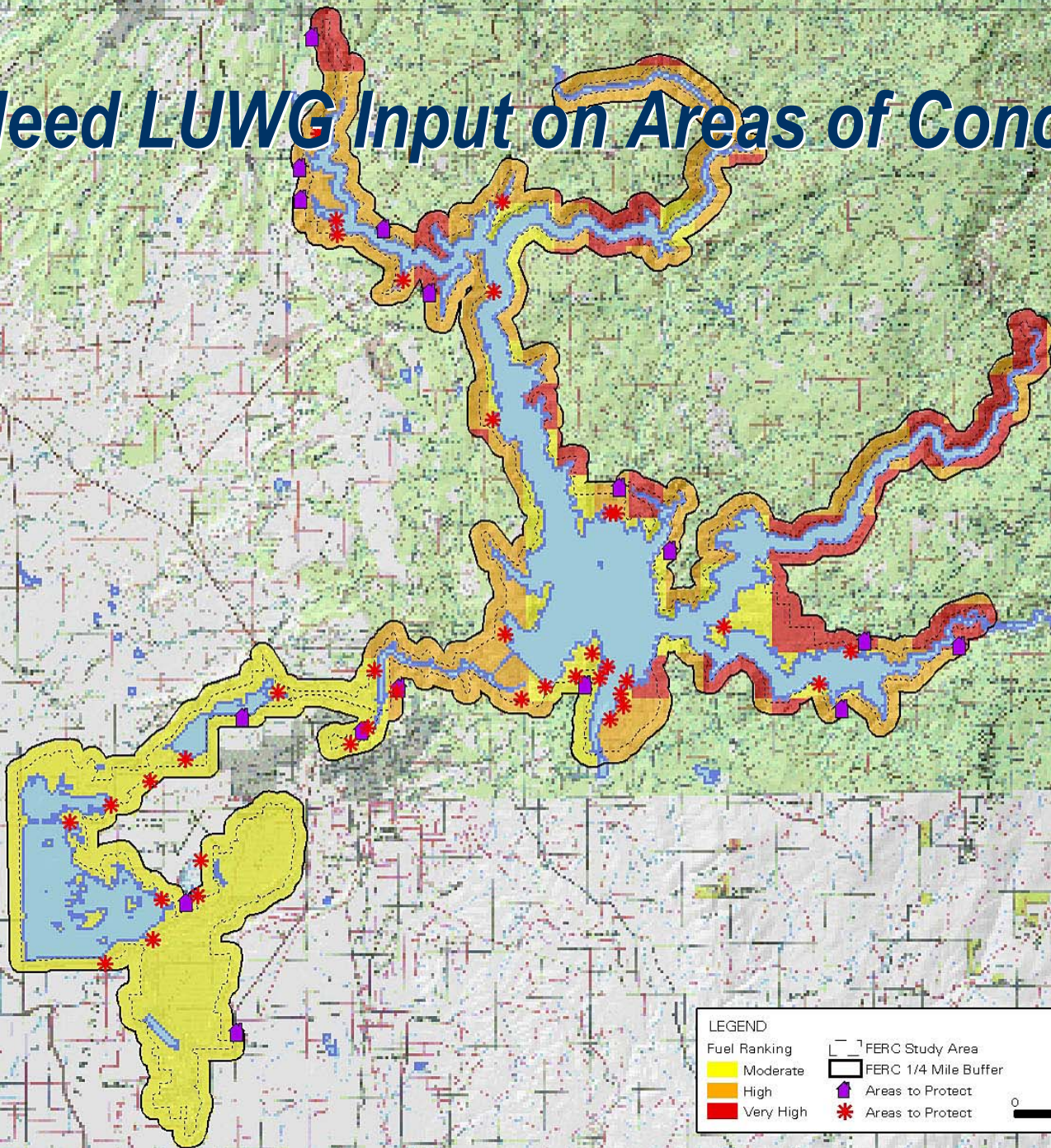


Approach to Fuel Hazard Evaluation for the Project

- Identify areas of concern
 - potential areas of fire origin
 - potential areas to be protected
- Determine overlap of areas of concern and very high fuel hazard rank
- From this subset, use vegetation classification maps produced by Environmental Working Group to examine area at more detailed scale



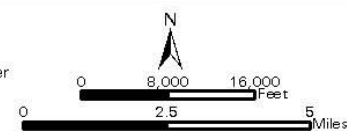
Need LUWG Input on Areas of Concern



LEGEND

Fuel Ranking
Moderate
High
Very High

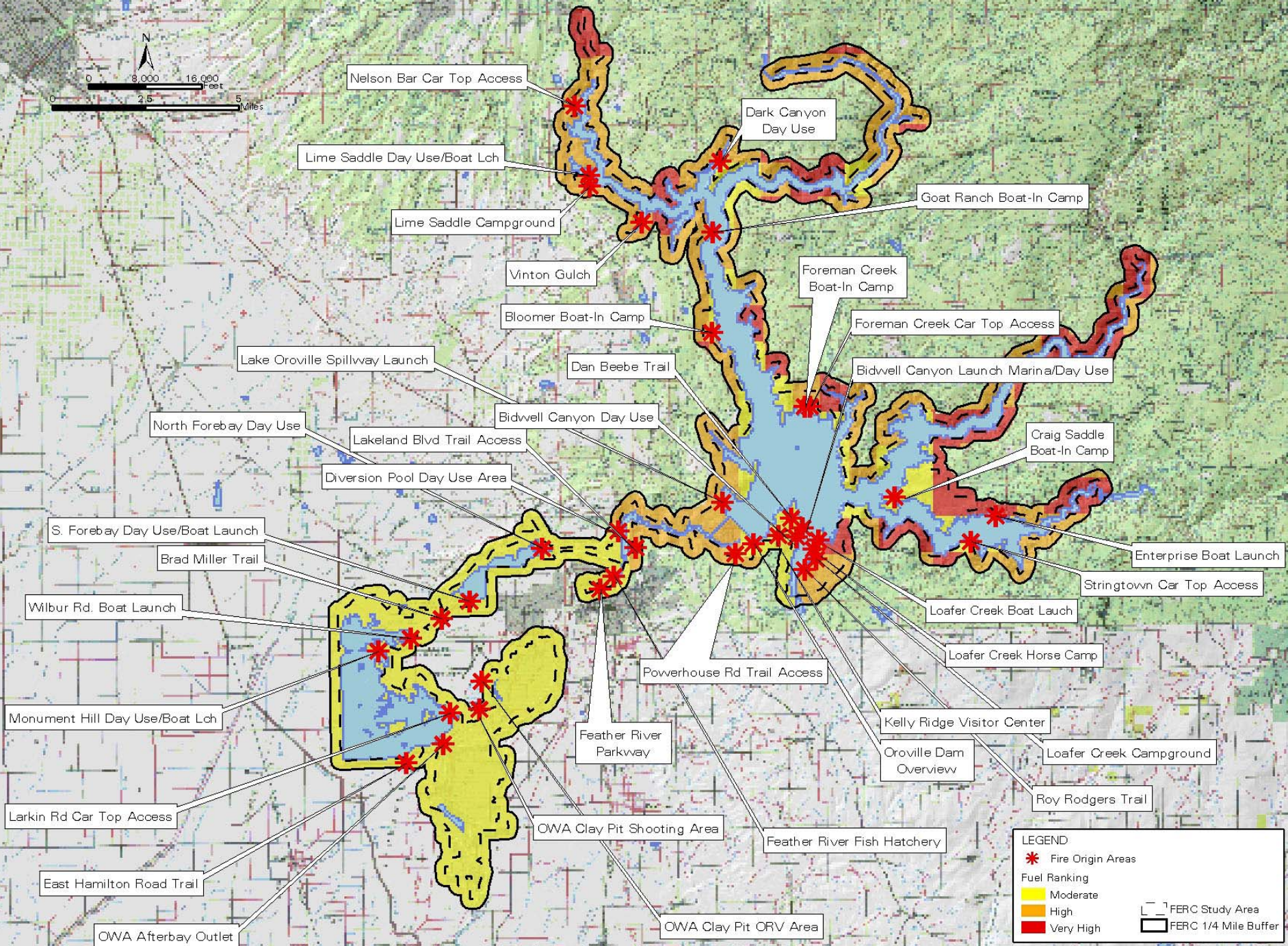
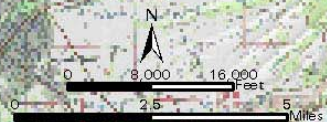
FERC Study Area
FERC 1/4 Mile Buffer
Areas to Protect
Areas to Protect



Potential “Fire Origin Areas”

- Areas within the study area where fires may start
 - Recreation areas: campgrounds, day-use areas, boat launches, trail access
 - Roads?
 - Other areas?





Nelson Bar Car Top Access

Dark Canyon Day Use

Lime Saddle Day Use/Boat Lch

Goat Ranch Boat-In Camp

Lime Saddle Campground

Vinton Gulch

Foreman Creek Boat-In Camp

Bloomer Boat-In Camp

Foreman Creek Car Top Access

Lake Oroville Spillway Launch

Dan Beebe Trail

Bidwell Canyon Launch Marina/Day Use

North Forebay Day Use

Bidwell Canyon Day Use

Lakeland Blvd Trail Access

Craig Saddle Boat-In Camp

Diversion Pool Day Use Area

S. Forebay Day Use/Boat Launch

Brad Miller Trail

Enterprise Boat Launch

Wilbur Rd. Boat Launch

Stringtown Car Top Access

Loafer Creek Boat Launch

Monument Hill Day Use/Boat Lch

Loafer Creek Horse Camp

Powerhouse Rd Trail Access

Kelly Ridge Visitor Center

Loafer Creek Campground

Feather River Parkway

Oroville Dam Overview

Roy Rodgers Trail

Larkin Rd Car Top Access

OWA Clay Pit Shooting Area

Feather River Fish Hatchery

East Hamilton Road Trail

OWA Clay Pit ORV Area

OWA Afterbay Outlet

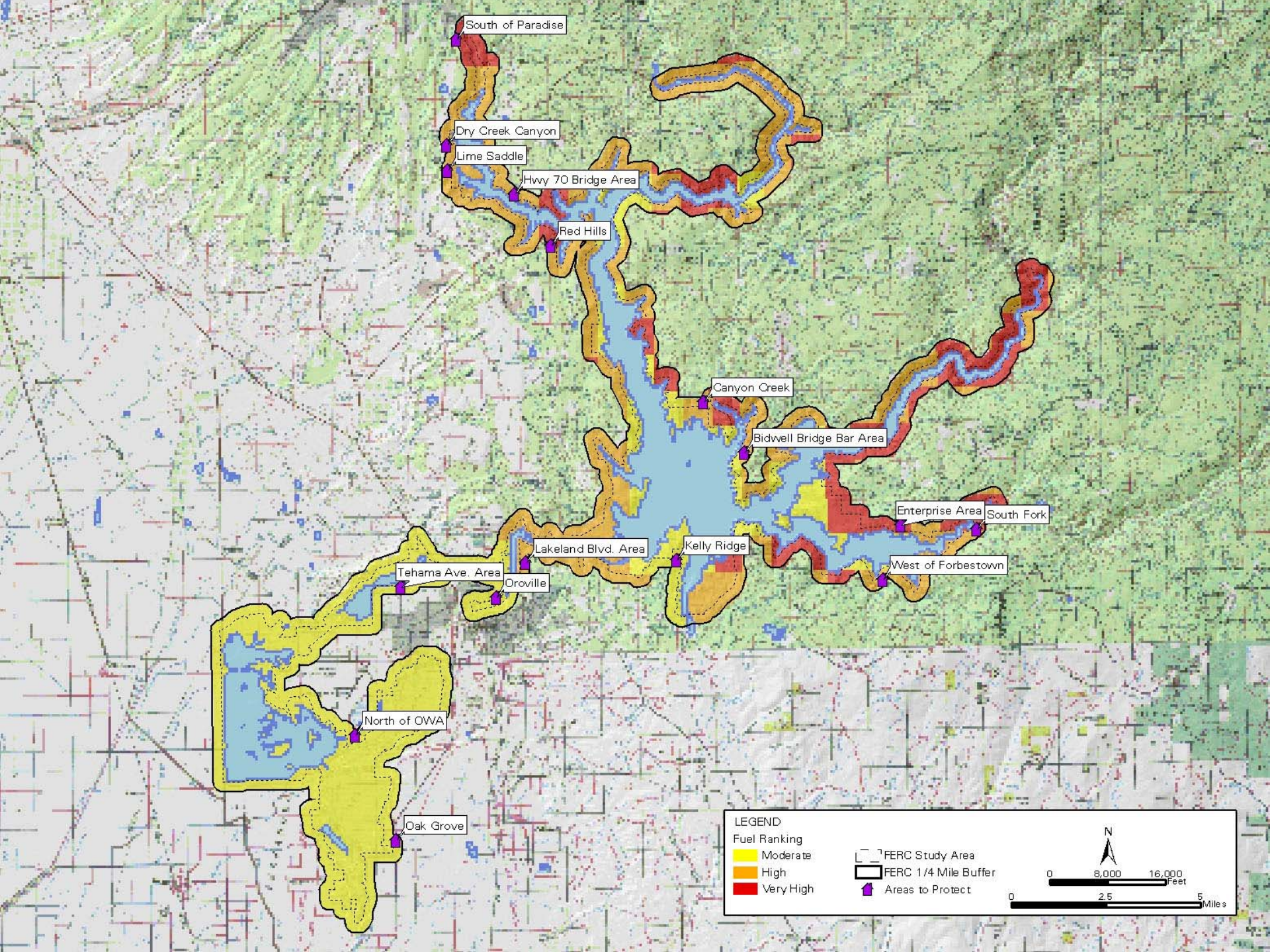
LEGEND

- ★ Fire Origin Areas
- Fuel Ranking
 - Moderate
 - High
 - Very High
- FERC Study Area
- FERC 1/4 Mile Buffer

Potential “Areas to be Protected”

- Areas within the study area that should be protected from fires
 - Residential areas: e.g., Kelly Ridge, Canyon Creek, south of Paradise, South Fork
 - Other sensitive areas?

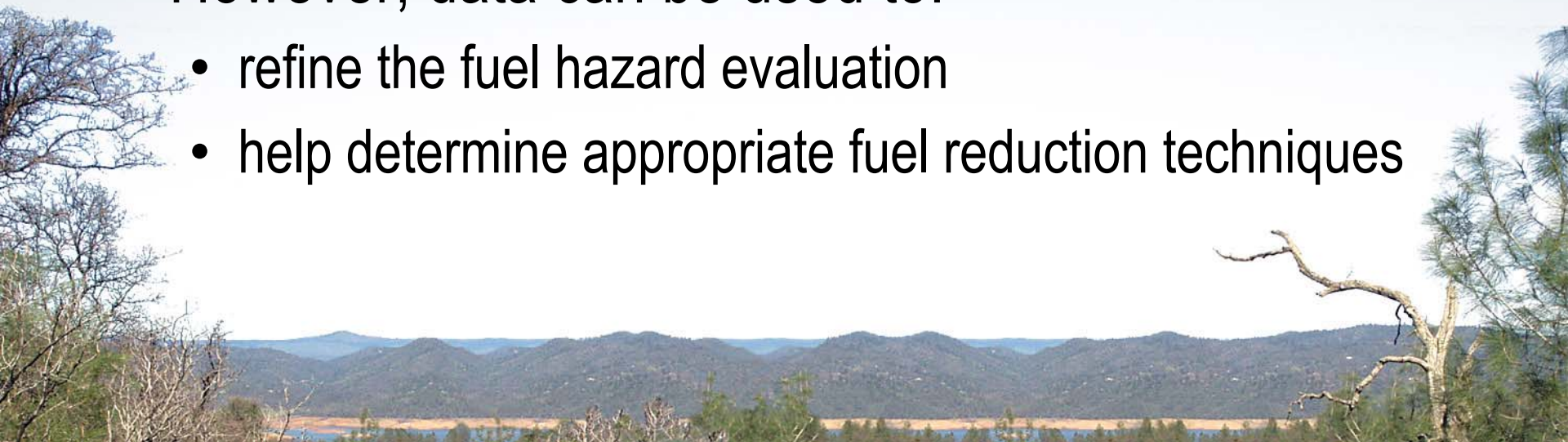




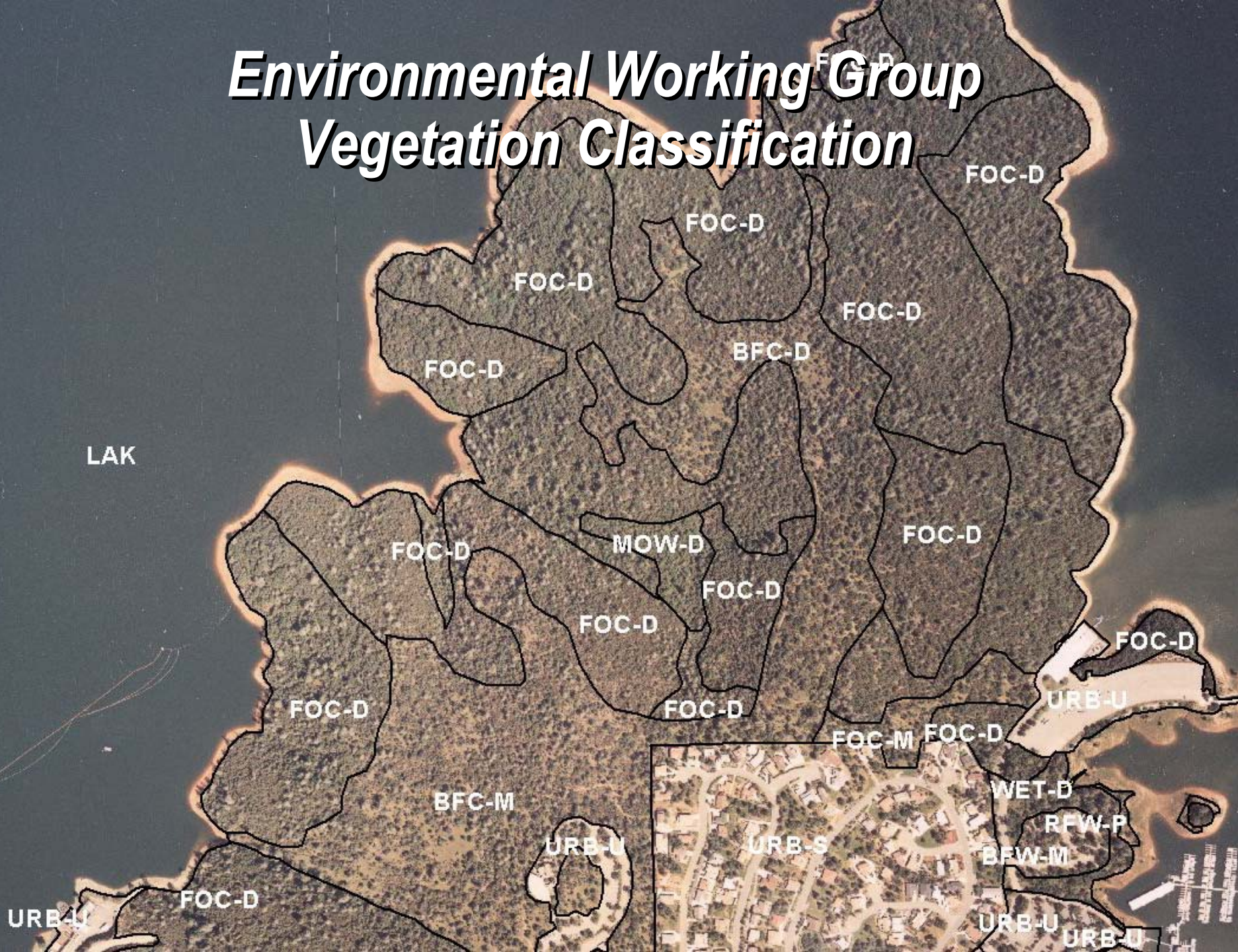
Environmental Working Group

Vegetation Classification

- More detailed mapping than CDF model
- Vegetation type and density classified using WHR system
- Does not include ladder or crown fuels information, or other variables used in CDF Model
- However, data can be used to:
 - refine the fuel hazard evaluation
 - help determine appropriate fuel reduction techniques



Environmental Working Group Vegetation Classification



Next Steps

- Review existing policies and plans of agencies in the vicinity
 - Federal Agencies (USFS, BLM)
 - State Agencies (CDF, DPR, CDFG)
 - Local Agencies (Butte County, City of Oroville)
- Evaluate fuel load reduction strategies and treatments
- Provide recommendations for areas of concern within very high fuel hazard
- Final report due June 2003

